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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	HO-P02021US1
	First Inventor	Robert J. Schwartz
	Title	ADMINISTRATION OF NUCLEIC ACID, etc.
	Express Mail Label No.	ET575269259US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>	ADDRESS TO: Box Patent Application Commissioner for Patents Washington, DC 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>
3. <input checked="" type="checkbox"/> Specification [Total Pages 86] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 20]	b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper
5. <input type="checkbox"/> Oath or Declaration [Total Pages <input type="text"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</small>	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	

ACCOMPANYING APPLICATIONS PARTS	
9. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee)</small> Attorney
11. <input type="checkbox"/>	English Translation Document <small>(if applicable)</small>
12. <input type="checkbox"/>	Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations
13. <input type="checkbox"/>	Preliminary Amendment
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>
16. <input type="checkbox"/>	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. <input type="checkbox"/>	Other: <input type="text"/>

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76	
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional
<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No. <input type="text"/>
Prior application information Examiner <input type="text"/> Group / Art Unit <input type="text"/>	
For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		26,271		or <input type="checkbox"/> Correspondence address below	
Name	Melissa L. Sistrunk Fulbright & Jaworski L.L.P.				
Address	1301 McKinney, Suite 5100				
City	Houston	State	TX	Zip Code	77010-3095
Country	USA	Telephone	713.651.3735	Fax	713.651.5246

Name (Print/Type)	Melissa L. Sistrunk	Registration No. (Attorney/Agent)	45,579
Signature	<i>Melissa L. Sistrunk</i>	Date	December 12, 2001

Transmittal-New Utility Patent Application	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ET575269259US, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231, on the date shown below.	
Dated: December 12, 2001	Signature: <i>Susan Hunter</i> (Susan Hunter)

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FEE TRANSMITTAL for FY 2002		Complete if Known	
<i>Patent fees are subject to annual revision.</i>		Application Number	Not Yet Assigned
		Filing Date	
		First Named Inventor	Robert J. Schwartz
		Examiner Name	Not Yet Assigned
		Group Art Unit	N/A
<input checked="" type="checkbox"/> Application claims small entity status. See 37 CFR 1.27		Attorney Docket No.	HO-P02021US1
TOTAL AMOUNT OF PAYMENT (\$)		1,666.00	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																			
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Deposit Account Number: 06-2375 ORDER10021476 Deposit Account Name: Fulbright & Jaworski L.L.P.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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The Commissioner is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td>370.00</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)</td> <td>370.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	740	201	370	Utility filing fee	370.00	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)				(\$)	370.00																																																																																																																																				
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Melissa L. Sistrunk	Registration No. (Attorney/Agent)	45,579
Signature	<i>Melissa L. Sistrunk</i>	Telephone	(713) 651-3735
		Date	December 12, 2001

Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ET575269259US, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: December 12, 2001 Signature: *Susan Hunter* (Susan Hunter)